U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

Name (Print/Type)

Signature

Attorney Docket No.	4148P2673
First Inventor	FORD, MICHAEL B.
Title	SHOCK ABSORBING AND SHOCK FORCE GENERATING APPARATU
Express Mail Label No.	AND METHOD FOR AN OIL PUM

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 1. X Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. X Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Reader Form (CRF) See 37 CFR 1.27. 15<sub>1</sub> 3. X Specification [Total Pages\_ (preferred arrangement set forth below) Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or Reference to sequence listing, a table, or a computer program listing appendix

- Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Statements verifying identity of above copies - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure Assignment Papers (cover sheet & document(s)) 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 16 5. Oath or Declaration [Total Sheets ] 11. English Translation Document (if applicable) a. X Newly executed (original or copy) Copies of IDS 12. Information Disclosure Statement (IDS)/PTO-1449 Citations b. Copy from a prior application (37 CFR 1.63(d)) Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. X (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 16. Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: ..... 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) \_\_ Continuation Divisional of prior application No.: ..... Examiner\_ Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number: 23504 OR Correspondence address below Name Address State Zip Code City Fax Country Telephone

This collection of information is required by CFR 1,53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Registration No. (Attorney/Agent)

45,207

July 30.

Date

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## **FEE TRANSMITTAL** for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

37		3	37
----	--	---	----

Coi	mplete if Known	
Application Number		
Filing Date		
First Named Inventor	FORD, MICHAEL B.	
Examiner Name		
Group Art Unit		
Attorney Docket No.	4148P2673	

METHOD OF PAYMENT	FEE CALCULATION (continued)	
1. X The Commissioner is hereby authorized to charge indicated fees and credit any overnaments to	3. ADDITIONAL FEES	
indicated fees and credit any overpayments to:  Deposit	Large Small	
Account 23-0830	Entity Entity  Fee Fee Fee Fee Fee Fee Description F	Fee Paid
Deposit	Code (\$) Code (\$)	70.1.0
Account WEISS, MOY & HARRIS, PC.	105 130 205 65 Surcharge - late filing fee or oath	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet	
Applicant claims small entity status.	139 130 139 130 Non-English specification	
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination	
2. X Payment Enclosed:    Variable   Credit cord   Money   Day	112 920* 112 920* Requesting publication of SIR prior to	}
X Check Credit card Order Other	Examiner action  113 1,840* 113 1,840* Requesting publication of SIR after	
FEE CALCULATION	Examiner action	
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month	
Large Entity Small Entity	116 400 216 200 Extension for reply within second month	
Fee Fee Fee Fee Description  Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month	
101 740 201 3375 Utility filing fee 375	118 1,440 218 720 Extension for reply within fourth month	
106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month	
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal	
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal	
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing	
SUBTOTAL (1) (\$) 375	138 1,510 138 1,510 Petition to institute a public use proceeding	
	140 110 240 55 Petition to revive - unavoidable	
2. EXTRA CLAIM FEES Fee from	141 1,280 241 640 Petition to revive - unintentional	
Extra Claims below Fee Paid	· ·	
Total Claims $1/20^{\circ} = -0/4 \times 9 = 0$ Independent $3/3^{\circ} = -0/4 \times 42 = 0$	143 460 243 230 Design issue fee	
Claims  Multiple Dependent	144 620 244 310 Plant issue fee	
Multiple Dependent	122 130 122 130 Petitions to the Commissioner	
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt	
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)	
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection	
104 280 204 140 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))	
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)	
and over original patent	169 900 169 900 Request for expedited examination	1
SUBTOTAL (2) (\$) -0-	of a design application  Other fee (specify)	
SUBTOTAL (2)		
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	-0-
, ———————————		

SUBMITTED BY				Complete (ii	f applicable)
Name (Print/Type)	Jeffrey Weiss	Registration No. (Attorney/Agent)	45,207	Telephone	(480) 994-8888
Signature	) ell neg	Weess 15	B-	Date	July 30, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Date	July	30,	2003	

I hereby certify that this "EXPRESS MAIL" package is being deposited with the United States Postal Service "EXPRESS MAIL" to provide service under 37 CFR 1.10 on the date indicated above to the following address: Commissioner For Patents, P.O. Box 1450, Washington, D.C. 22313-1450.

APPLICANT: FORD, MICHAEL B.

APPLICATION TITLE:

SHOCK ABSORBING AND SHOCK FORCE

GENERATING APPARATUS AND METHOD

U.S. SERIAL NUMBER:

FOR AN OIL PUMP

FILING DATE:

July 30, 2003

## TYPE OF INFORMATION ENCLOSED

[X]	CHECK NUMBER 10039 FOR \$ 375.00
[ <sub>X</sub> ]	DRAWINGS ( Sheet(s) Enclosed)
[x]	NEW PATENT APPLICATION
[ ]	PCT PATENT APPLICATION
[ ]	OTHER:
	, , , , , , , , , , , , , , , , , , , ,